

Converting Colors

Decimal(5008513)

Have a look what the booklet for
Decimal(5008513) contains.

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Color

Decimal(5008513)

Conversions

Conversions Part 1

Format	Color
Hex	4C6C81
RGB	76, 108, 129
RGB Percent	30%, 42%, 51%
CMY	0.7020, 0.5765, 0.4941
CMYK	0.41, 0.16, 0.00, 0.49
HSL	204°, 26%, 40%
HSV	204°, 41%, 51%
XYZ	12.3055, 13.8466, 22.7930
YIQ	100.8260, -25.8130, -0.2530

Conversions

Conversions Part 2

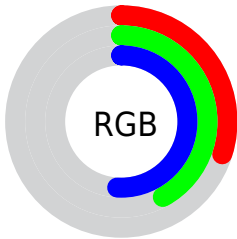
Format	Color
R_{YB}	76, 96, 129
Decimal	5008513
CIE _{Lab}	44.01, -5.73, -15.28
CIE _{LCh}	44, 16.322, 249.450
Yxy	13.8466, 0.2514, 0.2829
Android (android.graphics.Color)	4283198593 (0xFF4C6C81)
YUV	100.8260, 13.8898, -21.7724
Hunter-Lab	37.2110, -6.0902, -10.2694

Details

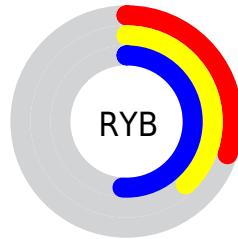
The Decimal color **5008513** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8479052**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8363958**, and **1719632** is the 20% darker color. If you saturate the color by 10%, you get **4155265**, and if you desaturate by 10%, it is **5861761**.

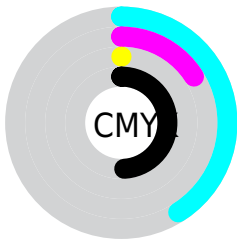
Distribution



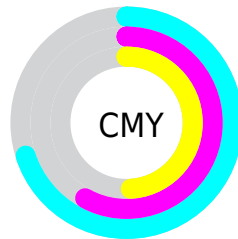
- Red (30%)
- Green (42%)
- Blue (51%)



- Red (30%)
- Yellow (38%)
- Blue (51%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



- Cyan (70%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5008513 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5008513 by changing the saturation by 10% instead.

■ 5008513

■ 5008513

16777215

■ 3363944

■ 8363958

■ 1719632

■ 10140370

■ 10041

■ 11917038

■ 4899

■ 13759231

■ 12

■ 15663103

■ 0

■ 5008513

■ 5008513

■ 4155265

■ 5861761

■ 3302017

■ 6715009

■ 2448769

■ 7568257

■ 1595521

■ 8421505

■ 742017

■ 9209473

■ 20097

■ 10062721

■ 10915969

■ 11769217

■ 12622465

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4353913



5008513



6187139

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5008513



8674916



6253651

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5008513



8479052

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7235917



5008513



8544343

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5008513



8216434



8021071



5205854

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5008513



6972800



8021071



6581072

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5008513



9740456



5013856



4738900



13948116



5526612

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5008513



5671080



5001857



3751232



19840



0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8473708



11032200



8485708



4208957



8388685



0

Previews

White Background



This preview shows how the Decimal color 5008513 looks on a white background.

Color Contrast Check

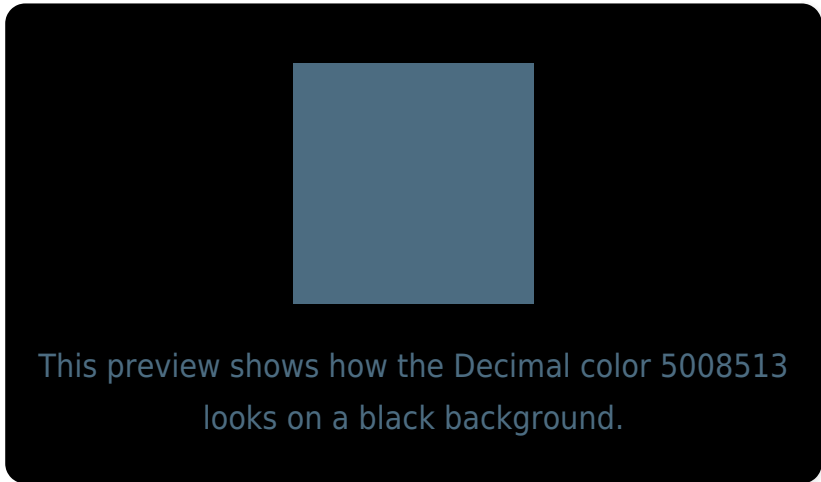
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

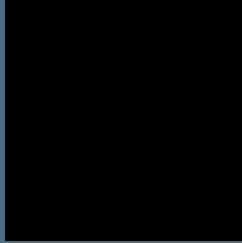
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

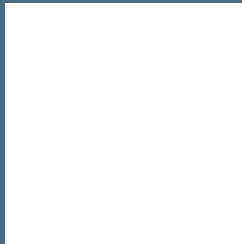
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5008513 Background



This preview shows how black text looks on a background with the Decimal color 5008513.

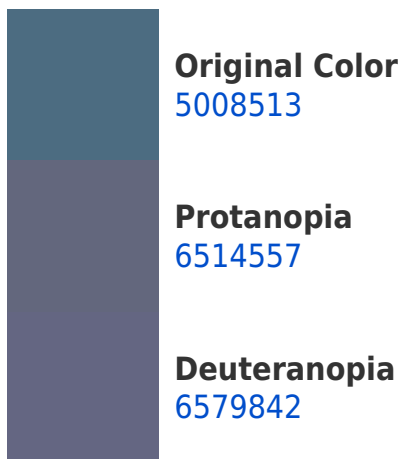



This preview shows how white text looks on a background with the Decimal color 5008513.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4812407

Trichromacy



Original Color
5008513

Protanomaly
5990782

Deuteranomaly
5990530

Tritanomaly
4877691

Monochromacy



Original Color
5008513

Achromatopsia
6645093

Achromatomaly
6056047

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5008513 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4C6C81 looks like.

```
.text, #text, p{  
    color:#4C6C81  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4C6C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6C81
}
```

Border

The CSS property to change the border of an element to Decimal 5008513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6C81 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4C6C81 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4C6C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6C81; -webkit-box-shadow:4px 4px  
4px 4px #4C6C81; box-shadow:4px 4px 4px  
4px #4C6C81 }
```

Background

The CSS property to change the background color of an element to Decimal 5008513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6C81 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4C6C81 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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